

Converting Colors

Hex(00B0CC)

Have a look what the booklet for
Hex(00B0CC) contains.

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Color

Hex(00B0CC)

Conversions

Conversions Part 1

Format	Color
Hex	00B0CC
RGB	0, 176, 204
RGB Percent	0%, 69%, 80%
CMY	1.0000, 0.3098, 0.2000
CMYK	1.00, 0.14, 0.00, 0.20
HSL	188°, 100%, 40%
HSV	188°, 100%, 80%
XYZ	26.4244, 35.4103, 62.5689
YIQ	126.5680, -113.8840, -28.6040

Conversions

Conversions Part 2

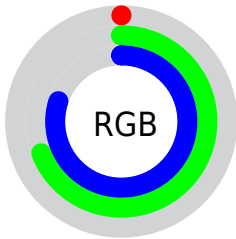
Format	Color
RYB	0, 94, 204
Decimal	45260
CIELab	66.07, -27.40, -24.78
CIELCh	66, 36.948, 222.122
Yxy	35.4103, 0.2124, 0.2846
Android (android.graphics.Color)	4278235340 (0xFF00B0CC)
YUV	126.5680, 38.1740, -111.0001
Hunter-Lab	59.5066, -24.8720, -20.6866

Details

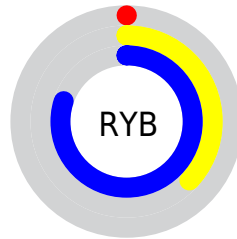
The Hex color **00B0CC** is a dark color, and the websafe version is hex **00CCFF**. The color can be described as dark washed azure. A complement of this color would be **CC1C00**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **66E8FF**, and **007B96** is the 20% darker color. If you saturate the color by 10%, you get **00B0CC**, and if you desaturate by 10%, it is **14B3CC**.

Distribution



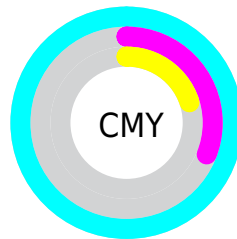
- Red (0%)
- Green (69%)
- Blue (80%)



- Red (0%)
- Yellow (37%)
- Blue (80%)



- Cyan (100%)
- Magenta (14%)
- Yellow (0%)
- Black (20%)



- Cyan (100%)
- Magenta (31%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00B0CC changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 00B0CC by changing the saturation by 10% instead.

 00B0CC

 00B0CC

FFFFFF

 0095B1

 66E8FF

 007B96

 87FFFF

 00627C

 A6FFFF

 004A63

 C5FFFF

 00334B

 E4FFFF

 001F34

 00021F

 000002

 000000

 00B0CC

 14B3CC

 29B6CC

 3DB8CC

 52BBCC

 66BECC

 7AC1CC

 8FC4CC

 A3C6CC

 B8C9CC

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



26B2AD



00B0CC



4BAADF

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



00B0CC



D589B6



A9A35F

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



00B0CC



CC1C00

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



C79862



00B0CC



E18794

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



00B0CC



B693D2



DC8D76



84AC6E

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



00B0CC



74A3E2



DC8D76



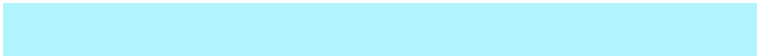
B49F5E

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



00B0CC



B3F5FF



00CC1B



527980



000000



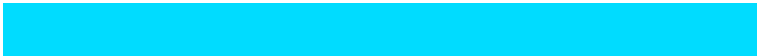
808080

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



00B0CC



00DCFF



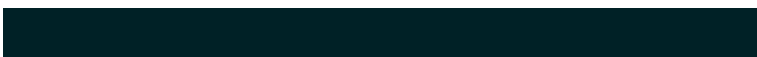
004BCC



5C6566



008FA6



002126

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



CC00B0



FF00DC



CC8100



665C65



A6008F



260021

Previews

White Background



This preview shows how the Hex color 00B0CC looks on a white background.

Color Contrast Check

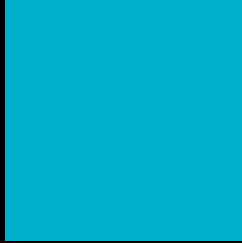
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 00B0CC looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

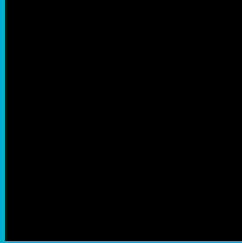
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 00B0CC Background



This preview shows how black text looks on a background with the Hex color 00B0CC.

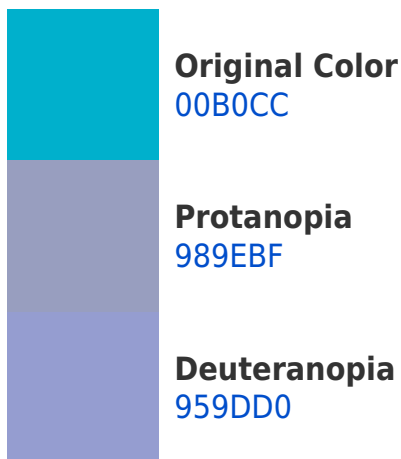


This preview shows how white text looks on a background with the Hex color 00B0CC.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia
00B1C0

Trichromacy



Original Color
00B0CC



Protanomaly
61A5C4



Deuteranomaly
5FA4CF



Tritanomaly
00B1C4

Monochromacy



Original Color
00B0CC



Achromatopsia
7F7F7F



Achromatomaly
51919B

CSS Examples

Text

The CSS property to change the color of the text to Hex 00B0CC is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #00B0CC looks like.

```
.text, #text, p{  
    color:#00B0CC  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #00B0CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00B0CC
}
```

Border

The CSS property to change the border of an element to Hex 00B0CC is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#00B0CC }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#00B0CC }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #00B0CC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00B0CC; -webkit-box-shadow:4px 4px  
4px 4px #00B0CC; box-shadow:4px 4px 4px  
4px #00B0CC }
```

Background

The CSS property to change the background color of an element to Hex 00B0CC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00B0CC }
```

If only the background color should be changed can be used:

```
.background{ background-color:#00B0CC }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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